

## PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

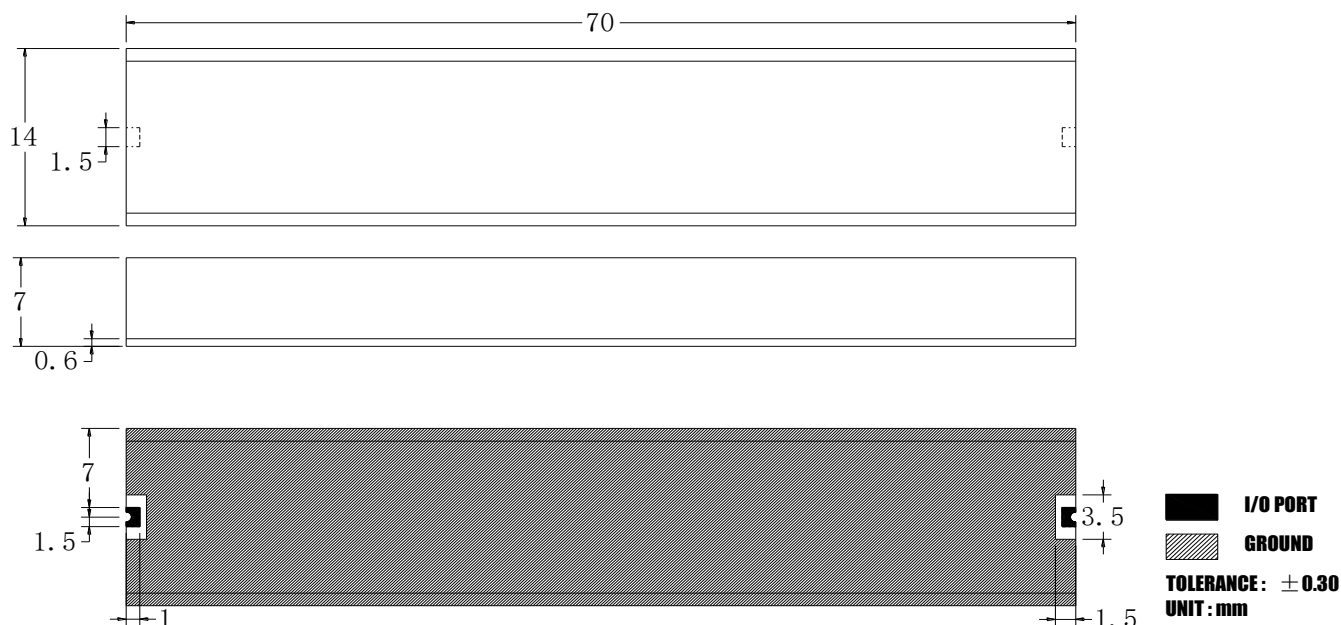
**Product Name : Cavity Low Pass Filter**

**Part No : MLP-C8000\_4000MC-A-R0**

### ■ History List

| No. | Rev. No. | Description | Date       | Author        | Final Approver |
|-----|----------|-------------|------------|---------------|----------------|
| 1   | R0       | Draft       | 2024.02.27 | Jeffrey Jeong | Michael Jeon   |
| 2   |          |             |            |               |                |
| 3   |          |             |            |               |                |
| 4   |          |             |            |               |                |
| 5   |          |             |            |               |                |
| 6   |          |             |            |               |                |

## ■ Mechanical Drawing



## ■ Electrical Specification

| Parameter                      | Specification              | Remark |
|--------------------------------|----------------------------|--------|
| 1. Cutoff Frequency            | 8000MHz                    |        |
| 2. Passband                    | DC ~ 8000MHz               |        |
| 3. Bandwidth                   | 2000 ~ 6000MHz             |        |
| 4. Insertion Loss in BW        | 1.5dB Max.                 |        |
| 5. Ripple in BW                | 1.5dB Max.                 |        |
| 6. V.S.W.R. in BW              | 1.5 : 1 Max                |        |
| 8. Attenuation[Absolute Value] | 50dB min @ 9600 ~ 16000MHz |        |
| 10. Power Handling             | 5W Max.                    |        |
| 12. In/Out Impedance           | 50Ω                        |        |
| 13. Temperature Range          | -40°C ~ +85°C              |        |
| 14. Dimension[WxDxH]           | 70.0 X 14.0 X 7.0mm Max    |        |

※It is subjected to change with prior notice.